

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A cascable optical amplifier arrangement, comprising:
a modular base amplifier arrangement constructed in single-mode technology and having
at least a first amplifier stage and a second amplifier stage; and
a high-power amplifier stage connected to ~~at least one of the first and the second~~
amplifier ~~stages~~ stage of the base amplifier arrangement and having an active fiber and a least
~~one two~~ one pump signal ~~source~~ sources.

31
Claim 2 (previously amended): The cascable optical amplifier arrangement as claimed
in claim 1, wherein at least one further high-power amplifier stage having an active fiber and a
least one pump signal source is connected to the high-power amplifier stage that is connected to
the base amplifier arrangement.

Claim 3 (previously amended): The cascable optical amplifier arrangement as claimed
in claim 2, wherein the high-power amplifier stage and the further high-power amplifier stage
each have their own amplification control and/or power control.

Claim 4 (original): The cascable optical amplifier arrangement as claimed in claim 3,
wherein the amplification control and/or power control is produced either optoelectronically or
purely optically.

Claim 5 (previously amended): The cascable optical amplifier arrangement as claimed
in claim 1, wherein the high-power amplifier stage has an amplification control and/or power
control.

Claim 6 (original): The cascable optical amplifier arrangement as claimed in claim 5, wherein the amplification control and/or power control is produced either optoelectronically or purely optically.

Claim 7 (previously amended): The cascable optical amplifier arrangement as claimed in any one of claims 2 to 4, wherein the at least one pump signal sources for pumping the active fibers of the high-power amplifier stages are connected to the input and to the output of the respective active fibers.

Claim 8 (previously amended): The cascable optical amplifier arrangement as claimed in any one of claims 2 to 4, wherein a filter serially connected upstream of the active fibers of the high-power amplifier stages levels the gain spectrum of an optical signal to be amplified.

Claim 9 (previously amended): The cascable optical amplifier arrangement as claimed in any one of claims 1, 5 and 6, wherein a filter serially connected upstream of the active fiber of the high-power amplifier stage levels the gain spectrum of an optical signal to be amplified.
